



ecology and environment, inc.

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International Specialists in the Environmental Sciences

ILD980606867

M E M O R A N D U M

DATE: April 19, 1984
TO: File
FROM: D. Cozza
SUBJECT: Laclede Steel Company Landfill (ILO145)
Alton, Illinois *RS-8303-01B*
ILD980606867

On February 21, 1984, Claude Mays, Margie Burns and the author conducted an on-site inspection of the Laclede Steel through an interview with Larry Schurbusch and Dale Eisenreich, both from Laclede Steel Company.

One groundwater sample was taken (E7165, ME1834) from an on-site monitoring well east of the site. This sample was taken only for site characterization since it cannot be contributed legally to the site due to the lack of a background well. Three sediment samples were taken from the unnamed ditch which borders the western edge of the fill. Slag from the fill area was evident in the ditch in the area of the midstream sample. The midstream sample (E7072, ME2111), upstream sample (E7073, ME2112) and downstream sample (E7074, ME2113) were all taken from the unnamed ditch which drains to the Wood River, which in turn flows to the Mississippi River. All samples, including the groundwater sample, were taken for priority pollutants - organics, volatiles, and inorganics. A blank, (E7071, ME1835) was also taken.

Dependent on the sample results, the site may need to have groundwater monitoring wells installed on all sides of the fill area.

DC:1W

EPA Region 5 Records Ctr.



353913

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

IDENTIFICATION
01 STATE 02 SITE NUMBER
IL 0980606867

II. SITE NAME AND LOCATION

01 SITE NAME (If different from Part 1, Section 1.1)		02 STREET, ROUTE NO., OR SIMILAR LOCATION IDENTIFIER			
Laclede Steel Company Landfill		Chessen Lane			
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 LONG. FIRST
Alton	IL	62002	Madison	119	20
09 COORDINATES 10 LATITUDE 38° 52' 50.0"		11 LONGITUDE 090° 07' 40.0"		12 TYPE OF OWNERSHIP (If different from Part 1, Section 1.1)	
				<input checked="" type="checkbox"/> A PRIVATE <input type="checkbox"/> B FEDERAL <input type="checkbox"/> C STATE <input type="checkbox"/> D COUNTY <input type="checkbox"/> E MUNICIPAL <input type="checkbox"/> F OTHER <input type="checkbox"/> G UNKNOWN	

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION	
2, 22, 84 MONTH DAY YEAR	<input checked="" type="checkbox"/> A ACTIVE <input type="checkbox"/> B INACTIVE	1965	1979
04 AGENCY PERFORMING INSPECTION (Check all that apply)			
<input type="checkbox"/> A. LPA <input checked="" type="checkbox"/> B. LPA CONTRACTOR Ecology and Environment <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <input type="checkbox"/> G. OTHER			

05 NAME OF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Dan Cozza	Team Leader	Ecology + Environment	(312) 663-9415
Claude Mays	Team member	"	()
Margie Burns	Team member	"	()
			()
			()
			()

13 SITE REPRESENTATIVE INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO.
LARRY J. Schnurbusch	MANAGER ENGINEERING + MAINTENANCE	P.O. Box 576 Alton IL 62002	(618) 474-2300
DALE Eisenreich	SENIOR ENV. ENGINEER	"	(618) 474-2420
			()
			()
			()
			()

17 ACCESS GAINED BY (Check one) <input checked="" type="checkbox"/> A. PERMISSION <input type="checkbox"/> B. WARRANT	18 TIME OF INSPECTION 9:00 AM	19 WEATHER CONDITIONS Sunny 76°
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IV. INFORMATION AVAILABLE FROM

01 CONTACT PAT MCCARTHY	02 OFFICE (Agency/Organization) Illinois EPA - Collinsville	03 TELEPHONE NO. (618) 345-4606
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM DAN COZZA	05 AGENCY -	06 ORGANIZATION AND TELEPHONE NO. Ecology AND ENVIRONMENT 312-663-9415
		07 DATE 3, 14, 84 MONTH DAY YEAR

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

IDENTIFICATION
STATE: IL SITE NUMBER: 0980606867

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

<p>01 PHYSICAL STATES (Check all that apply)</p> <p><input checked="" type="checkbox"/> A SOLID <input checked="" type="checkbox"/> B POWDER, FIBES <input checked="" type="checkbox"/> C SLUDGE <input type="checkbox"/> D OTHER</p> <p>02 WASTE QUANTITY AT SITE (Measure in Pounds, Liters, Gallons, or Cubic Yards) TONS _____ CUBIC YARDS <u>52555</u> NO OF DRUMS _____</p>	<p>03 WASTE CHARACTERISTICS (Check all that apply)</p> <p><input checked="" type="checkbox"/> A TOXIC <input type="checkbox"/> B CORROSIVE <input type="checkbox"/> C RADIOACTIVE <input checked="" type="checkbox"/> D PERSISTENT</p> <p><input type="checkbox"/> E SOLUBLE <input type="checkbox"/> F VOLATILE <input type="checkbox"/> G FLAMMABLE <input type="checkbox"/> H INSTABLE</p> <p><input type="checkbox"/> I HIGHLY VOLATILE <input type="checkbox"/> J EXPLOSIVE <input type="checkbox"/> K REACTIVE <input type="checkbox"/> L INCOMPATIBLE <input type="checkbox"/> M NOT APPLICABLE</p>
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III. WASTE TYPE

01 CATEGORY	02 SUBSTANCE NAME	03 GROSS AMOUNT	04 UNIT OF MEASURE	05 COMMENTS
SIU	SLUDGE	52555	Cubic yards	K061 - Emission control dust/sludge from the electric furnace production of steel
OLW	OILY WASTE			
SOL	SOLVENTS			
PSD	PESTICIDES	Unknown		SEE Below
OCC	OTHER ORGANIC CHEMICALS	Unknown		
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	INCLUDED WITH	SLUDGE AMOUNT	LEAD, CADMIUM - hydroxides

IV. HAZARDOUS SUBSTANCES (See Appendix for most hazardous CAS Numbers)

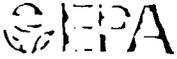
01 CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
MES	Arsenic	7440-38-2	slag land fill	61	ppb
MES	Lead	7439-92-1	slag land fill	300	ppb
OCC	Polychlorinated b. phenyls	12672-29-6	Unknown	868	ppb
PSD	of BITE	319-86-8	Unknown	112	ppb
MES	Cadmium	7440-43-9	slag land fill	16	ppb

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (See specific references, e.g., state files, sample analysis, reports)

Notification of Hazardous Waste Site, 6-8-81 EPA form 8900-1
On-site inspection 2-22-84



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

IDENTIFICATION
SITE ID: 1L
DATE: 09/30/06
PAGE: 867

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 19600
02 OBSERVED (DATE: 2-22-84)
04 NARRATIVE DESCRIPTION:
Ground water sample taken 2-22-84 showed elevated heavy metals including 61 ppb Arsenic, 300 ppb Lead. See data sheet attached - since there is only one well this can not be positively contributed to the site. The well sampled also showed a small amount .12 ppb of pesticides (see attached data) Groundwater samples Well B-4 (E7165, ME1834)

01 B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 45480
02 OBSERVED (DATE: 2-22-84)
04 NARRATIVE DESCRIPTION:
An unnamed ditch flows past the landfill and flows towards Wood River which flows into the Mississippi River. Three sediment samples were taken from this ditch, the sample from mid stream consisting mostly of slag that completely covered the one portion of the ditch's bank. Sample results from 2-22-84 showed PCB-1248 in all 3 sediment samples reaching 868 ppb in the mid stream sample. Heavy metals were also found (see data results)

01 C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: 45480+
02 OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION:
This is a potential due to the possibility of the furnace dust blowing off-site.

01 D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____
02 OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION:
N/A

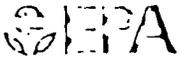
01 E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: 2630
02 OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION:
The landfill area is not fenced but is located in an industrial and commercial business area. The Eastern border of the site is the Wood River and Mississippi River Levee. The nearest population is approximately 1/4 to 1/2 mile to the north.

01 F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: 43 acres
02 OBSERVED (DATE: 2-22-84)
04 NARRATIVE DESCRIPTION:
Sediments taken from the drainage ditch showed pos. hvc contamination. See Surface water section above

01 G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 19600
02 OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION:
According to Brenda Brown, JEPA Collinsville, the City of Alton receives its drinking water from a private water company that has an intake in the Mississippi River about 3 miles upstream from the site - The Town of E. Alton has 3 wells, 90-103 feet deep, located approximately 1 mile to the east of the site (opposite side of Wood River). The town of Wood River has 7 wells located approximately 2 miles East-southeast from the site (these wells are also on the opposite side of the Wood River). Wood River wells are 90-100 feet deep.

01 H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: 8-10
02 OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION:
There are presently 8-10 employees working in the landfill area recycling slag material by excavating the landfill for the slag. These employees are potentially exposed to dust created by the excavation activity.

01 I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: 45480
02 OBSERVED (DATE: _____)
04 NARRATIVE DESCRIPTION:
Potential population exposure due to potential drinking water contamination for people living in East Alton and Wood River.



POTENTIAL HAZARDOUS WASTE SITE
 SITE INSPECTION REPORT
 PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

IDENTIFICATION
 SITE STATE: IL SITE NUMBER: D980600867

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 DAMAGE TO FLORA 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 04 NARRATIVE DESCRIPTION

NONE NOTED DURING INSPECTION but potential due to the contamination in the drainage ditch.

01 DAMAGE TO FAUNA 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 04 NARRATIVE DESCRIPTION (Use Loc. Code(s) if applicable)

NONE NOTED DURING INSPECTION but potential due to contamination in the drainage ditch

01 CONTAMINATION OF FOOD CHAIN 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 04 NARRATIVE DESCRIPTION

POTENTIAL DUE TO the persistence of heavy metals and the nearness of the fill to surface water.

01 UNSTABLE CONTAINMENT OF WASTES 02 OBSERVED (DATE: 2-22-84) POTENTIAL ALLEGED
(Spills from off-loading boxes, fuel, or ground)
 03 POPULATION POTENTIALLY AFFECTED: 45480 04 NARRATIVE DESCRIPTION

Unstable as shown by the sample results from samples taken from sediment in the drainage ditch along side the fill area. PCBs and heavy metals found in the sediment - see data results attached

01 DAMAGE TO OFF SITE PROPERTY 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 04 NARRATIVE DESCRIPTION

Potential due to ground water potential contamination (only one well on-site was tested so this cannot be contributed to Laclede) - Damage to off-site property may be occurring due to drainage from the drainage ditch migrating off site on the sites southern border.

01 CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 04 NARRATIVE DESCRIPTION

The Alton Sewage treatment plant is directly south of the fill area. NO known direct contact exists between the two.

01 ILLEGAL/UNAUTHORIZED DUMPING 02 OBSERVED (DATE: _____) POTENTIAL ALLEGED
 04 NARRATIVE DESCRIPTION

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: 45480

IV. COMMENTS

It is to be proposed that ground water monitoring wells be installed around the site to see if the Laclede landfill is contributing to the degradation of the groundwater

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

On-site inspection 2-22-84



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

IDENTIFICATION
STATE: IL SITE NUMBER: D980606867

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A NPDES				
<input type="checkbox"/> B UIC				
<input type="checkbox"/> C AIR				
<input type="checkbox"/> D RCRA				
<input type="checkbox"/> E RCRA INTERIM STATUS				
<input type="checkbox"/> F SPCC PLAN				
<input checked="" type="checkbox"/> G STATE (Specify)				Permitted in early 60's
<input type="checkbox"/> H LOCAL (Specify)				
<input type="checkbox"/> I OTHER (Specify)				
<input type="checkbox"/> J NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A SURFACE IMPOUNDMENT			<input type="checkbox"/> A INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B PILES			<input type="checkbox"/> B UNDERGROUND INJECTION	
<input type="checkbox"/> C DRUMS, ABOVE GROUND			<input type="checkbox"/> C CHEMICAL/PHYSICAL	
<input type="checkbox"/> D TANK, ABOVE GROUND			<input type="checkbox"/> D BIOLOGICAL	
<input type="checkbox"/> E TANK, BELOW GROUND			<input type="checkbox"/> E WASTE OIL PROCESSING	
<input checked="" type="checkbox"/> F LANDFILL	52555	cubic yards	<input type="checkbox"/> F SOLVENT RECOVERY	06 AREA OF SITE 43.38 (Acres)
<input type="checkbox"/> G LANDFARM			<input checked="" type="checkbox"/> G OTHER RECYCLING/RECOVERY	
<input type="checkbox"/> H OPEN DUMP			<input type="checkbox"/> H OTHER (Specify)	
<input type="checkbox"/> I OTHER (Specify)				

07 COMMENTS

The furnace dust/sludge was mixed with waste slag and land filled from 1965 to 1979. After 1979, the furnace dust/sludge is stored in piles on top of the land filled area. The slag is presently being excavated for recycling.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)
 A. ADEQUATE, SECURE B. MODERATE C. INADEQUATE, POOR D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

The landfill is located in an area that is primarily underlined with sand lenses. According to the well log from the monitoring well on-site, brown silty clay is encountered.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: YES NO
 02 COMMENTS: The landfill area is not fenced but the Laclede Steel Company is active 24 hours/day.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

On-site inspection and interview with L. Schur Busch and D. Eisenreich on 7-22-84



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

IDENTIFICATION
STATE: LA COUNTY NUMBER: D980606567

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check one)			02 STATUS <u>UNKNOWN</u>			03 DISTANCE TO NTE Surface water intake 3 miles upstream E. Alton wells approx 1 mile EAST Wood River wells approx 2 miles ESE		
	SURFACE	WELL	ENDANGERED	AFFECTED	MONITORED			
COMMUNITY	A. <input checked="" type="checkbox"/>	B. <input checked="" type="checkbox"/>	A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input type="checkbox"/>	A. _____ (m)		
NON-COMMUNITY	C. <input type="checkbox"/>	D. <input checked="" type="checkbox"/>	D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>	B. _____ (m)		

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (check one)
 A ONLY SOURCE FOR DRINKING
 B DRINKING (Other sources available)
 C COMMERCIAL, INDUSTRIAL, IRRIGATION (Other sources available)
 D NOT USED, UNUSABLE

02 POPULATION SERVED BY GROUND WATER 19600 03 DISTANCE TO NEAREST DRINKING WATER WELL ~ 1.0 (m)

04 DEPTH TO GROUNDWATER 4-5 (ft) 05 DIRECTION OF GROUNDWATER FLOW Southwest
 06 DEPTH TO AQUIFER OF CONCERN 80-100 (ft) 07 POTENTIAL YIELD OF AQUIFER _____ (gpd)
 08 SOIL SOURCE AQUIFER UNKNOWN
 YES NO

09 DESCRIPTION OF WELLS (including usage, depth, and location relative to population and buildings)
 One on-site monitoring well approximately 25' deep - located EAST of the fill area and west of the levee
 Production wells belonging to Laclede are approximately one mile west of the landfill, 90-100' deep and averaging
 - 2 million gal/day.
 East Alton and Wood River municipal wells are about 1 and 2 miles from the landfill, respectively.

10 RECHARGE AREA 11 DISCHARGE AREA
 YES COMMENTS: in periods of high Mississippi River levels are acts as a recharging area for groundwater
 NO YES COMMENTS: in periods of lower Mississippi River levels, groundwater discharges into the River.
 NO

IV. SURFACE WATER

01 SURFACE WATER USE (check one)
 A. RESERVOIR, RECREATION DRINKING WATER SOURCE Mississippi River
 B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES
 C. COMMERCIAL, INDUSTRIAL Wood River Mississippi River
 D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME	AFFECTED	DISTANCE TO SITE
<u>Wood River</u>	<input type="checkbox"/>	<u>0.1 - 0.2</u> (m)
<u>Mississippi River</u>	<input type="checkbox"/>	<u>1.0 - 1.5</u> (m)
	<input type="checkbox"/>	

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN
 ONE (1) MILE OF SITE TWO (2) MILES OF SITE THREE (3) MILES OF SITE
 A. 2630 B. 23280 C. 45480
NO. OF PERSONS NO. OF PERSONS NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION 0.25 (m)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE 6600
 04 DISTANCE TO NEAREST OFF-SITE BUILDING 0.25 (m)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g. rural, village, densely populated urban area)
 The site is located just south of Alton IL and west of E. Alton IL. The nearest population is approximately 1/4 mile to the north.
 The immediate area is light commercial and industrial.



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

IDENTIFICATION
STATE: IL SITE NUMBER: D980606867

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED SOIL (check one)

A. $10^{-6} - 10^{-8}$ cm/sec B. $10^{-4} - 10^{-6}$ cm/sec C. $10^{-2} - 10^{-3}$ cm/sec D. GREATER THAN 10^{-2} cm/sec

Silty clay + sand

02 PERMEABILITY OF BEDROCK (check one)

A. IMPERMEABLE (less than 10^{-8} cm/sec) B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) D. VERY PERMEABLE (greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

110-130 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

~30 (ft)

05 SOIL pH

06 24 HOUR PRECIPITATION

0 (in)

07 ONE YEAR 24 HOUR RAINFALL

3 (in)

08 SLOPE

SITE SLOPE

0-3 %

DIRECTION OF SITE SLOPE

VARIABLE

TERRAIN AVERAGE SLOPE

0-2 %

09 FLOOD POTENTIAL

SITE IS IN _____ YEAR FLOODPLAIN

10

~~SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY~~

11 DISTANCE TO WETLANDS (check one)

ESTUARINE

A. _____ (m)

OTHER

B. _____ (m)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

UNKNOWN (m)

ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

A. .25 (m)

RESIDENTIAL AREAS, NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES

B. .25 (m)

AGRICULTURAL LANDS
PRIME AG LAND AG LAND

C. _____ (m) D. _____ (m)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site lies in the lowlands in the floodplain of the Mississippi River.

VII. SOURCES OF INFORMATION (check specific references, e.g., state files, sample analysis, reports)

On-site inspection on 2-22-81



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

IDENTIFICATION
STATE: IL SITE NUMBER: D980606867

II. SAMPLES TAKEN

01 SAMPLE TYPE	02 NUMBER OF SAMPLES TAKEN	03 SAMPLES SENT TO	04 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	1	org - US Testing Inc. California Analytical	6/87
SURFACE WATER			
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL			
VEGETATION			
OTHER DITCH SEDIMENT	3	org US Testing Inc. California Analytical	6/87

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
	NA

IV. PHOTOGRAPHS AND MAPS

01 TYPE <input checked="" type="checkbox"/> GROUND <input type="checkbox"/> AERIAL	02 IN CUSTODY OF Ecology and Environment files
03 MAPS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	04 LOCATION OF MAPS Ecology and Environment files

V. OTHER FIELD DATA COLLECTED

Groundwater } pH 6.5-7.0
 on-site monitoring well } Conductivity - 1250, 1280 micromhos
 14 No readings at sample points - no readings above background were encountered -

VI. SOURCES OF INFORMATION (See specific references, e.g., state files, sample analysis, reports)

On site inspection 2-22-87



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION
01 STATE: IL
02 SITE NUMBER: D980606867

II. CURRENT OWNER(S)				PARENT COMPANY (If applicable)			
01 NAME <i>Laclede Steel Company</i>		02 D+ B NUMBER		01 NAME <i>Laclede Steel Company</i>		02 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD#, etc.) <i>Cut Street</i>			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.) <i>10 Broadway</i>			04 SIC CODE
05 CITY <i>Alton</i>		06 STATE <i>IL</i>	07 ZIP CODE <i>62002</i>	05 CITY <i>St. Louis</i>		06 STATE <i>MO</i>	07 ZIP CODE <i>63102</i>
01 NAME		02 D+ B NUMBER		01 NAME		02 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+ B NUMBER		01 NAME		02 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE

III. PREVIOUS OWNER(S) (If applicable, list in order)				IV. REALTY OWNER(S) (If applicable, list in order)			
01 NAME		02 D+ B NUMBER		01 NAME		02 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+ B NUMBER		01 NAME		02 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE
01 NAME		02 D+ B NUMBER		01 NAME		02 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)			04 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	05 CITY		06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

On-site inspection on 2-22-84



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION
01 STATE IL 02 SITE NUMBER D980606807

II. CURRENT OPERATOR (If more than one, provide only the current information)				OPERATOR'S PARENT COMPANY (If applicable)			
01 NAME		07 D+ B NUMBER		10 NAME		11 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD, etc.)			13 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER					

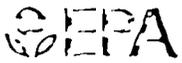
III. PREVIOUS OPERATOR(S) (List all previous operators, provide only the current information)				PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)			
01 NAME		07 D+ B NUMBER		10 NAME		11 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD, etc.)			13 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					

01 NAME		07 D+ B NUMBER		10 NAME		11 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD, etc.)			13 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					

01 NAME		07 D+ B NUMBER		10 NAME		11 D+ B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)			04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD, etc.)			13 SIC CODE
05 CITY		06 STATE	07 ZIP CODE	14 CITY		15 STATE	16 ZIP CODE
08 YEARS OF OPERATION		09 NAME OF OWNER DURING THIS PERIOD					

IV. SOURCES OF INFORMATION (Check specific references, e.g., state files, sample analysis reports)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

1. IDENTIFICATION
01 STATE IL 02 SITE NUMBER D980606867

II. ON SITE GENERATOR

01 NAME Laclede Steel Company		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.) Cut Street		04 SIC CODE	
05 CITY Alton	06 STATE IL	07 ZIP CODE 62002	

III. OFF-SITE GENERATOR(S)

01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	

IV. TRANSPORTER(S)

01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	
01 NAME		02 D+B NUMBER		01 NAME		02 D+B NUMBER	
03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE		03 STREET ADDRESS (P.O. Box, RFD, etc.)		04 SIC CODE	
05 CITY	06 STATE	07 ZIP CODE		05 CITY	06 STATE	07 ZIP CODE	

V. SOURCES OF INFORMATION (See instructions, e.g., state files, sample analysis, reports)

On-site inspection on 2-22-84

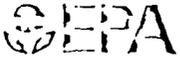


POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10- PAST RESPONSE ACTIVITIES

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
IL D 980606 867

II. PAST RESPONSE ACTIVITIES

01 <input type="checkbox"/> A. WATER SUPPLY CLOSED 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> B. TEMPORARY WATER SUPPLY PROVIDED 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> C. PERMANENT WATER SUPPLY PROVIDED 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> D. SPILLED MATERIAL REMOVED 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> E. CONTAMINATED SOIL REMOVED 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> F. WASTE REPACKAGED 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> G. WASTE DISPOSED ELSEWHERE 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> H. ON SITE BURIAL 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> I. IN SITU CHEMICAL TREATMENT 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> J. IN SITU BIOLOGICAL TREATMENT 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> K. IN SITU PHYSICAL TREATMENT 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> L. ENCAPSULATION 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> M. EMERGENCY WASTE TREATMENT 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> N. CUTOFF WALLS 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> O. EMERGENCY DIKING/SURFACE WATER DIVERSION 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> P. CUTOFF TRENCHES/SUMP 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____
01 <input type="checkbox"/> Q. SUBSURFACE CUTOFF WALL 04 DESCRIPTION _____	02 DATE _____	03 AGENCY _____



POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

1. IDENTIFICATION
01 STATE IL 02 SITE NUMBER D980606867

II PAST RESPONSE ACTIVITIES (Cite specific references, e.g., State Regs, sample analysis, reports)

01 R. BARRIER WALLS CONSTRUCTED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 S. CAPPING/COVERING 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 T. BULK TANKAGE REPAIRED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 U. GROUT CURTAIN CONSTRUCTED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 V. BOTTOM SEALED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 W. GAS CONTROL 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 X. FIRE CONTROL 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 Y. LEACHATE TREATMENT 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 Z. AREA EVACUATED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

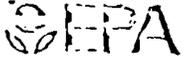
01 1. ACCESS TO SITE RESTRICTED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 2. POPULATION RELOCATED 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

01 3. OTHER REMEDIAL ACTIVITIES 02 DATE _____ 03 AGENCY _____
04 DESCRIPTION _____

III. SOURCES OF INFORMATION (Cite specific references, e.g., State Regs, sample analysis, reports)

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POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION
01 STATE: IL 02 SITE NUMBER: D980606807

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY ENFORCEMENT ACTION YES NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY ENFORCEMENT ACTION

III. SOURCES OF INFORMATION (Cite specific references, e.g., State Regs., sample analysis reports)

On site inspection on 2-22-84